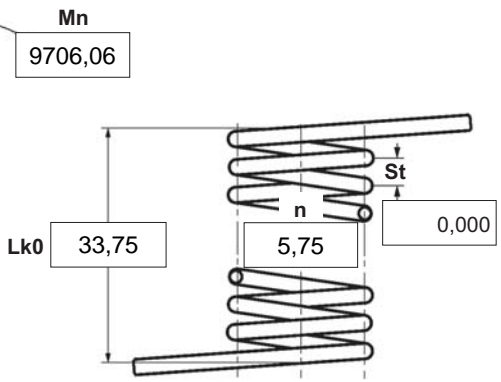



- α degree Unstressed leg position
- α1 degree Prestressed rotational angle
- α2 degree Loaded rotational angle
- αh degree Excursion
- αn degree Maximum rotational angle
- d mm Wire diameter
- Ddmin mm Min. possible mandrel diameter
- Ddmax mm Max. possible mandrel diameter
- De mm Outer coil diameter
- Di mm Inner coil diameter
- F1 N Prestressed spring force
- F2 N Loaded spring force
- Lk0 mm Length of spring body when relaxed
- LS mm Length of leg
- M1 Nmm Prestressed torque
- M2 Nmm Loaded torque
- Mn Nmm Maximum torque
- n pc. Active coils
- RH mm Distance power flow point from centre
- St mm Distance between coils (pitch)
- Weight g Weight of one spring in grammes



Spring test acc. to DIN ISO 2859/1 test level II

<b>1 Coiling direction</b> <input type="checkbox"/> left <input checked="" type="checkbox"/> right	<b>5 Excursion αh</b> <input type="text"/> degr.	<b>12 Tolerances to DIN 2194</b> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Grade</th> <th>Di</th> <th>Lk0</th> <th>LSH,LSR</th> <th>α, α1, α2</th> <th>M1, M2</th> <th>Wire diameter d to DIN 2076</th> </tr> </thead> <tbody> <tr> <td>1</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>2</td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td></td> </tr> <tr> <td>3</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </tbody> </table>	Grade	Di	Lk0	LSH,LSR	α, α1, α2	M1, M2	Wire diameter d to DIN 2076	1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		2	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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<b>2 Form of legs</b> tangential, straight, no bends *  *We can also supply torsion springs with any form of leg for an extra charge.	<b>6 Stress cyc. end. N</b> <input type="text"/>	<b>7 Stress cycle frequ. n</b> <input type="text"/> /																												
<b>3 Fixing</b> Recumbent leg <input type="checkbox"/> Lever leg <input type="checkbox"/>	<b>8 Application temp.</b> <input type="text"/> °C	<b>13 Production compensation through</b> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td>A spring torque and the associated swing angle</td> <td>α</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>A spring torque and the associated swing angle and α0</td> <td>n, d</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>n, Di</td> <td><input type="checkbox"/></td> </tr> <tr> <td>Two spring resistances and the associated swing angle</td> <td>α, n, d</td> <td><input type="checkbox"/></td> </tr> <tr> <td></td> <td>α, n, Di</td> <td><input type="checkbox"/></td> </tr> </table>	A spring torque and the associated swing angle	α	<input checked="" type="checkbox"/>	A spring torque and the associated swing angle and α0	n, d	<input type="checkbox"/>		n, Di	<input type="checkbox"/>	Two spring resistances and the associated swing angle	α, n, d	<input type="checkbox"/>		α, n, Di	<input type="checkbox"/>													
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<b>4 Load</b> <input type="checkbox"/> in winding direction <input type="checkbox"/> against winding direction	<b>9 Material</b> EN 10270-3-1.4310	<b>10 Wire or rod surface</b> <input checked="" type="checkbox"/> drawn <input type="checkbox"/> rolled <input type="checkbox"/> metal-cut																												
<b>11 Surface treatment</b> <input type="text"/>		<b>Prices</b> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Grupa ilociowa</th> <th>Cena jednostkowa [EUR]</th> </tr> </thead> <tbody> <tr><td>1</td><td></td></tr> <tr><td>2</td><td>6,4400 €</td></tr> <tr><td>3</td><td>4,5400 €</td></tr> <tr><td>7</td><td>4,3300 €</td></tr> <tr><td>17</td><td>3,5700 €</td></tr> <tr><td>37</td><td>2,3000 €</td></tr> <tr><td>75</td><td>1,8300 €</td></tr> <tr><td></td><td>1,7400 €</td></tr> </tbody> </table>	Grupa ilociowa	Cena jednostkowa [EUR]	1		2	6,4400 €	3	4,5400 €	7	4,3300 €	17	3,5700 €	37	2,3000 €	75	1,8300 €		1,7400 €										
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**Remarks**  
 Kraj pochodzenia: DE | Numer taryfy celnej: 73202089